No. S. P. O. 20050-20100, *dated* 9th *May* 1933.

To

The Firms dealing in Bore Well Pumps.

Gentlemen,

Enquiry No. 334—*Deep Well Pumping Sets.*

Please intimate your best price and earliest time of delivery for the following equipment, which should strictly conform to the brief specifications attached hereto:—

Two—Deep Well Pumping Sets, each set comprising a pump capable of discharging 50 gallons per minute against a total head of 180 ft. directly coupled by means of flexible coupling to a motor of the required B. H. P. suitable for 220 volt, 25 cycle, 3 phase A. C. supply.

Tendering firms should furnish complete specifications of the equipment offered and specify the efficiencies of the pump and motor separately as also the overall efficiency of the pumping set at half, three-quarter and full loads.

The above efficiencies and duty specified should be guaranteed. A reduction of 5 per cent in price will be made for every 1 per cent by which the actual efficiencies fall below the guaranteed figures subject to a tolerance of 2 per cent.

Information regarding the name of the manufacturer and place of manufacture of both the pump and motor should be furnished in the quotation. A complete set of drawings showing all the details of the pump and motor should accompany the quotation together with descriptive literature of the equipment offered.

The price to be quoted should be for delivery both c. i. f. Madras and f. o. r. Dodballapur (M. S. M. Railways).

This enquiry will close on the 24th June 1933.

SPECIFICATIONS FOR THE DEEP WELL PUMPING SETS.

General.—

Inside diameter of bore well casing	6"	
Depth of the bore well	150'	
Distance between the delivery point on the top of the well and the strainer of the pump below	100'	
Difference of height between the top of bore-well and the elevated tank including friction in the pipe line ..	80'	
Total Pumping Head	180'	
Pumping Capacity	50 galls. per minute.	

The pumping set should consist of an electric motor vertically and directly coupled by means of a flexible coupling to a multistage pump below by means of a steel shafting of suitable diameter, the pump being capable of lifting water from the depth of 100 ft. in the bore-well and forcing it again through a 3" C. I. pipe line into an elevated tank against a head of 80 ft., the total head amounting to 180 ft.

Pump.—The pump may consist of a number of stages and should be such that the whole set could easily get into the 6" diameter well, the outside diameter of the pump bowl not exceeding 5¼". The pump should preferably have semi open type impellers and should be provided with satisfactory arrangement for adjusting the discharge from the top without operating the delivery valve. The impellers should be of the highest quality bronze which do not wear away rapidly by sand or silt if any.

Suitable thrust ball-bearing should be provided on top to balance the whole weight of the pump.

Sand proof bearings assuring correct alignment and sturdiness, with water lubrication should be provided between impellers. The shaft should be made of non-corrosive, stainless steel and should consist of uniform lengths with necessary substantial couplings which do not get loosened while working.

The shaft should be provided with suitable guide bearings at short intervals to prevent whipping or gyrating of the shaft and it should be made of such material that is not damaged by sand or silt, and should be water lubricated.

The pump should be provided with all the delivery pipe necessary inside the well up-to the top of the well with suitable lengths to facilitate erection and uncoupling, etc., and should be complete in every way to deliver the water from the well to the ground on the top of the well. The pump should discharge 50 gallons per minute against a total head of 180 ft.

Motor.—The motor should be suitable for 220 volts, 25 cycle, 3 phase, alternating current and should be of sufficient H. P. as not to get overloaded on any account while the pump is working on full load, and should be mounted on a suitable frame. It being a vertically coupled direct driven unit, the windings should be sufficiently well protected from being soaked by the lubricant of the motor bearings. The motor should be provided with ball or roller bearings and suitable flexible coupling, etc., complete.

The motor should be equipped with suitable starter.

Spares.—The firms should quote also for the spares that are necessary to be kept in stock for replacements when needed, the details of spares that are necessary to be got being left to the manufacturers to suggest.

No. S. P. C. 20397-406, *dated* 13*th May* 1933.

To

The Firms dealing in Electrical Materials.

Gentlemen,

Enquiry No. 344.

CUT-OUTS.

Please intimate your best prices and earliest time of delivery for the following materials:—

Item 1—200 Double pole cut-outs suitable for 60 amps., 250 volts.

Note.—The cut-outs are meant for house lighting installations of large capacities to be mounted on poles outside. It must be made of porcelain or any other insulating material and the fuses should be capable of being renewed without coming into contact with any live parts. For making this weather-proof, suitable cast iron boxes will be locally made and these cut-outs will be fixed inside them.

Item 2—100 Triple pole, main line cut-outs of the specification as item 1.

Illustrated pamphlets relating to the materials offered should accompany the quotation.

The price to be quoted should be for delivery f.o.r., Bangalore.

This enquiry will close on the 20th June 1933.

Yours faithfully,

M. S. RAMCHENDRA RAO,
Secretary,
Stores Purchase Committee.

THE BANK OF MYSORE, LIMITED, BANGALORE.

Statement of the affairs of the Bank of Mysore, Limited, for the week ending 11th May 1933, published under Article 141 of the Articles of Association :—

LIABILITIES			ASSETS		
		Rs			Rs.
To Capital Receipts	...	20,00,000	By Cash in Hand and at Bankers		17,41,951
„ Reserve Funds	...	21,00,000	„ Loans & Cash Credit Accounts		1,45,15,835
„ Public and other Deposits	...	1,96,55,732	„ Bills discounted	...	2,16,252
„ Sundries	...	4,27,291	„ Investments	...	69,77,930
			„ Balance at Agencies	....	2,152
(Annas and pies omitted.)			„ Dead Stock	...	5,96,794
			„ Sundries	..	1,32,109
Total	... Rs.	2,41,83,023	Total	.. Rs.	2,41,83,023

BANGALORE,
Dated 16*th May* 1933.

P. W. O'BRIEN,
Manager.

"I intend moving Hon'ble the High Court to enroll me as an Advocate thereof."

J. MALLARADHYA, B.A., LL.B.